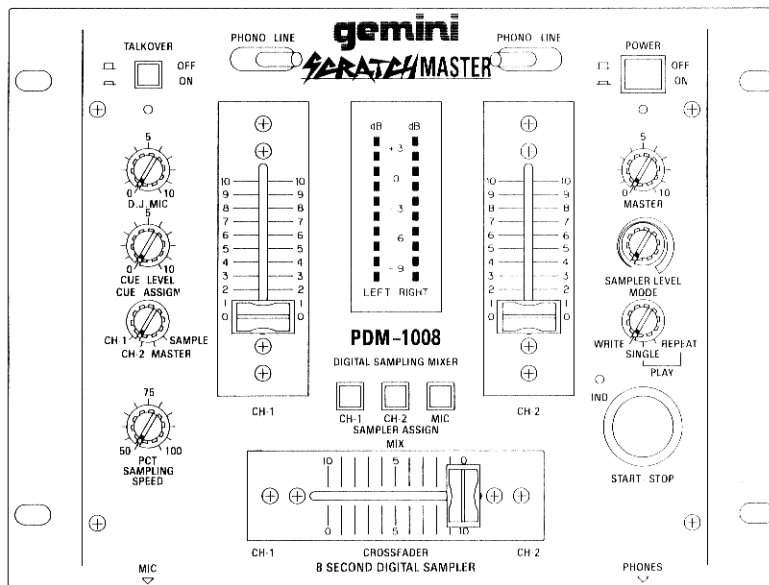




SERVICE MANUAL

STEREO PREAMP MIXER

MODEL PDM-1008



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GEMINI SOUND PRODUCTS CORP.

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SPECIFICATIONS

PDM-1008

Inputs:

Microphone: 1.5mV 600 ohm

Phono: 3mV 47 Kohm

Line: 150mV 47 Kohm

Output: 7V Peak To Peak maximum.

Frequency response: 20-20,000Hz±2dB

Distortion: 0.08%

Signal to noise ratio: More than 70dB

Attenuation to the "TALKOVER": 16 dB

Headphone monitor impedance: 16 ohm

Power source: DC 12V 500mA

Dimensions: 256(L) x 192(W) x 100(H)mm

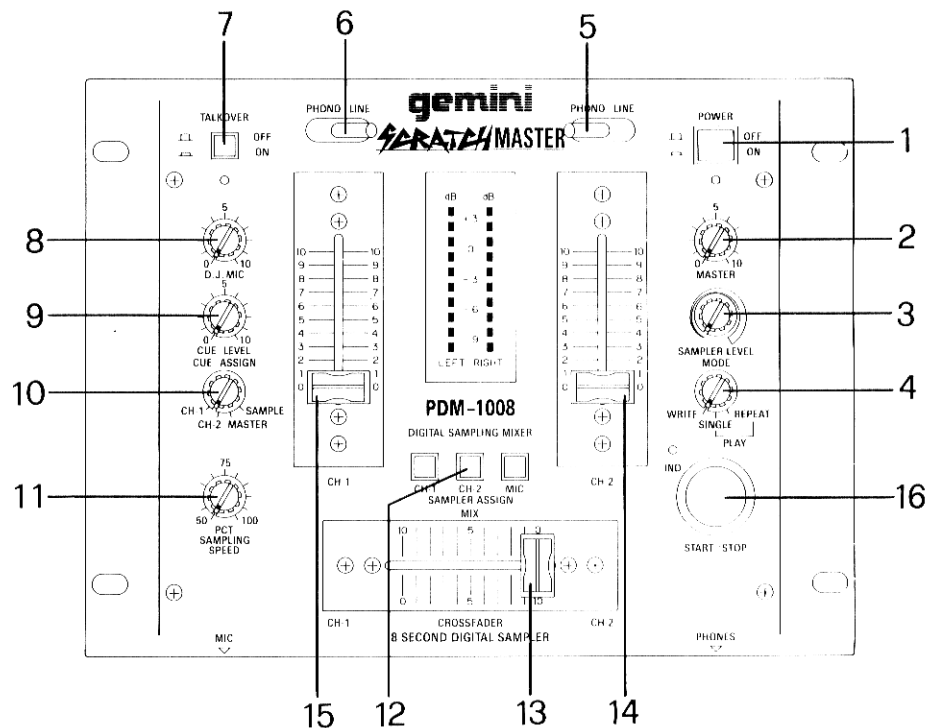
10"(L) x 7-1/2"(W) x 4"(H)

Sampler section

System: 12 bit sampling

Maximum sampling length: 8 seconds

PANEL TERMINOLOGY AND FUNCTIONS



1. Power

Be sure that the POWER 1 is in the off position. All connections must be made with the equipment off, and the MASTER 2 at zero.

2. Master Volume

Overall volume is controlled by the MASTER. Raising or lowering this control will effect the output volume and METER sensitivity.

3. Sampler Level

Controls the output volume of the recorded sample.

4. Sampler Mode Selector

Selects the basic program.

5. 6. Phono/Line

By moving the PHONO/LINE switches to the appropriate position you can choose which source will play through the mixer at any give time.

7. Talk Switch

With the TALK switch in the talk position the volume of all sources except the mic volume will be reduced by 12 dB. In the off position all volumes returns to normal.

8. Microphone Adjustments

Mic volume is controlled by raising or lowering the volume fader.

9. Cue Level

Controls the headphone volume without effecting the overall mix.

10. Cue Assign Selector

Rotate the selector to the channel you wish to listen to.

11. Sampling Speed

Moving the knob in the reverse or the forward position will change the rate of the pitch.

12. Sampling Assign

The first two sample whatever source is playing on the two mix channels : (Phono/Line on Channels 1 and 2). The third button (MIC) routes the mic bus to the Sampler.

13. Fader

It mixes one channel into another, you can select which CH-1 and CH-2 will play through the fade.

14. CH-2 Slide Control

volume for each channel is controlled by the CH-2.

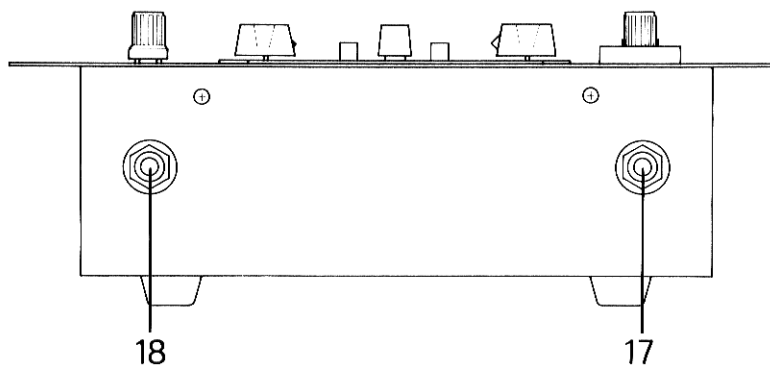
15. CH-1 Side Control

Volume for each channel is controlled by the CH-1.

16. Start/Stop Button

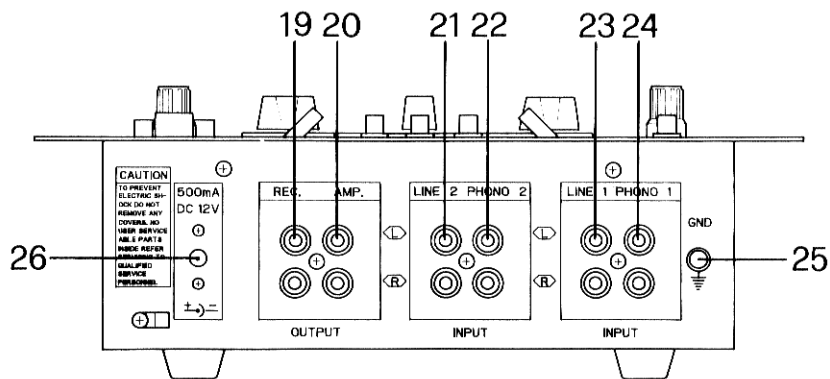
Tapping the button with MODE selector in WRITE begins the sampling process (the LED will light). Tapping it a second time ends the sample, and the LED will go out.

If a sample is loaded, and MODE selector is set to Repeat, tapping the button will play the sample back.



17. Headphone Jack

18. Mic Jack



19. Record output

20. Amplifier Output

21. Line 2 Input

22. Phono 2 Input

23. Line 1 Input

24. Phono 1 Input

25. Ground Terminal

26. Male Pin

This unit comes supplied with a 12 volt AC Adapter.